

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/10565

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D01D4/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 16 60 375 A (INVENTA AG) 6 April 1972 (1972-04-06) the whole document	1-12
A	DD 125 421 A (VEB CHEMIFASERWERK "HERBERT WARNKE") 20 April 1977 (1977-04-20) cited in the application the whole document	1-12
A	DE 199 32 852 A (BEECK GEB SCHROEDER) 18 January 2001 (2001-01-18) cited in the application the whole document	1-12
A	WO 01 09413 A (TIETZE RAINER ;LURGI ZIMMER AG (DE); WEICHEL ANDREAS (DE); BEECK H) 8 February 2001 (2001-02-08) the whole document	1-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the International search

16 January 2003

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24/01/2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/10565

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
DE 1660375	A	06-04-1972	CH 432711 A AT 282806 B BE 677301 A DE 1660375 A1 FI 44146 B FR 1470547 A GB 1116007 A LU 50560 A NL 6602709 A NO 120378 B US 3500499 A	31-03-1967 10-07-1970 01-08-1966 06-04-1972 01-06-1971 24-02-1967 06-06-1968 01-07-1966 05-09-1966 12-10-1970 17-03-1970
DD 125421	A	20-04-1977	DD 125421 A1	20-04-1977
DE 19932852	A	18-01-2001	DE 19932852 A1	18-01-2001
WO 0109413	A	08-02-2001	DE 19935982 A1 AU 5685100 A WO 0109413 A1 EP 1208250 A1	01-02-2001 19-02-2001 08-02-2001 29-05-2002